

Application No.: 10/625,271

Case No.: 58017US002

**Amendments to the Claims:**

The following Listing of Claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims**

1. (Amended) A composition, consisting essentially of comprising:  
greater than about 0.1% by weight hydrogen peroxide;  
from 0.1% to 5.0% by weight of aromatic acid component;  
less than about 5% by weight surfactant;  
optionally, a solvent; and  
a carrier.
2. (Original) Composition of claim 1 formulated to provide a pathogenic bacteria kill rate of 99.9% in about 90 seconds when bacteria are exposed to the composition.
3. (Original) Composition of claim 1 wherein the aromatic acid component comprises an aromatic acid and a salt of the aromatic acid.
4. (Canceled).
5. (Original) Composition of claim 1 wherein the hydrogen peroxide is present in the composition at a concentration from about 0.1% to about 7% by weight.
6. (Original) Composition of claim 1 wherein the aromatic acid component is present in a concentration sufficient to provide a disinfecting action when used to kill microorganisms such as bacteria, fungi and viruses.
7. (Original) Composition of claim 1 wherein the aromatic acid component is present in a concentration sufficient to provide a synergy when combined in the composition with the

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hydrogen peroxide as a disinfecting composition to kill microorganisms such as bacteria, fungi and viruses.

8. (Amended) Composition of claim 1 wherein the aromatic acid component is selected from the group consisting of benzoic acid, alkyl derivatives of benzoic acid, hydroxybenzoic acids, halogenated benzoic acids, phthalic acid, terephthalic acid, orthophthalic acid, acetylsalicylic acid, naphthoic acid and combinations of the foregoing, ~~the aromatic acid component present in a concentration from 0.1% by weight to 5% by weight.~~

9. (Original) Composition of claim 1 wherein the surfactant is anionic.

10. (Original) Composition of claim 9 wherein the surfactant is selected from the group consisting of alkyl sulfates, alkyl arylsulfates, alkyl sulfosuccinates, dialkyl sulfosuccinates, and xylene sulfonates, salts thereof and combinations of the foregoing.

11. (Original) Composition of claim 9 wherein the surfactant is the sodium salt of dioctyl sulfosuccinate.

12. (Original) Composition of claim 1 wherein the surfactant is selected from the group consisting of amine oxides, phenol ethoxylates, fatty acid amides, sorbitan esters, fatty alcohol ethoxylates, block copolymers of ethylene oxide and propylene oxide and combinations of the foregoing.

13. (Original) Composition of claim 1 wherein the solvent is selected from the group consisting of glycols, alcohols, aprotic amides, esters, polyethers and combinations of the foregoing.

14. (Original) Composition of claim 1 wherein the carrier is water and the composition is an emulsion.

15. (Canceled)

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16. (Original) Composition of claim 1 having a pH in the range from about 3.5 to about 5.0.
17. (Canceled).
18. (Canceled).
19. (Canceled).
20. (Canceled).
21. (Canceled).
22. (Canceled).
23. (Canceled).
24. (Amended) Composition of claim ~~1~~ 17 wherein the solvent is selected from the group consisting of propylene glycol, ethanol, n-propanol, isopropanol, hexylene glycol, polyethylene glycol, glycerol, phenoxyethanol, butylene glycol and combinations of the foregoing.
25. (Original) Composition of claim 24 wherein the solvent concentration is from about 1% to about 40% by weight.
26. (Amended) Composition of claim ~~1~~ 17 wherein the composition is more resistant to catalase deactivation than an aqueous solution of hydrogen peroxide.
27. (Original) Composition of claim ~~1~~ 17 having a pH in the range from about 3.5 to about 5.0.
28. (Withdrawn) A method for disinfecting, the method comprising:

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Applying the composition of claim 1 to a substrate;  
Allowing the composition to remain in contact with the substrate for a period of  
time to kill microorganisms thereon; and  
Removing the composition from the substrate.

29. (Withdrawn) Method according to claim 28 wherein the substrate is a surface on a medical instrument.

30. (Withdrawn) Method according to claim 28 wherein the medical instrument is an endoscope.

31. (Withdrawn) Method according to claim 28 wherein applying the composition of claim 1 to the substrate is accomplished by roll coating, dipping, spraying, or rotational tumbling.

32. (Withdrawn) Method according to claim 28 wherein the period of time ranges from 30 seconds to ten minutes.

33. (Withdrawn) Method according to claim 28 wherein the period of time is no longer than about two minutes and the microorganisms comprise *Mycobacterium*, the method providing a kill of  $10^6$  *Mycobacteria* within the period of time.

34. (Withdrawn) Method according to claim 28 wherein removing the composition from the substrate is accomplished by rinsing with water, alcohol, or aqueous alcohol solution.

35. (Withdrawn) Method according to claim 28 further comprising drying the substrate after removing the composition

36. (Withdrawn) Method according to claim 28 where the substrate is a hard surface or a textile.

37. (Original) A method for making a composition, the method comprising combining the initial components of claim 1 to provide the composition.

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38. (Original) Composition according to claim 1 formulated for application to skin.